



ELSEVIER

Colloids and Surfaces

A: Physicochemical and Engineering Aspects 183–185 (2001) 825–826

COLLOIDS  
AND  
SURFACES

A

www.elsevier.nl/locate/colsurfa

## Author Index

- Abe, M., 749, 757  
Acosta, E.O., 595  
Aksenenko, E.V., 381  
Alargova, R.G., 303  
Alexandridis, P., 41  
Álvarez, M., 235  
Amenitsch, H., 171  
Andelman, D., 259  
Andersson, J., 415  
Aramaki, K., 371  
Aratono, M., 403  
Ariel, G., 259  
Awata, N., 449  
  
Bae, S.-M., 583  
Baglioni, P., 95  
Bakx, A., 149  
Bellini, T., 85, 183  
Berghmans, H., 313  
Bernheim-Groswasser, A., 113  
Bogen, I., 621  
Brezesinski, G., 391  
Bringezu, F., 391  
Buchanan, M., 293  
Buckin, V., 517  
Buscaglia, M., 85  
  
Candau, S.J., 5  
Carageorgheopol, A., 767  
Cates, M.E., 293  
Cavasino, F.P., 689  
Chen, B.-H., 191  
Chen, M., 457  
Chen, S.-H., 95, 133  
Chen, Y., 575  
Corti, M., 85  
  
Dähne, L., 27  
Danino, D., 113  
Dawson, K., 327  
Degiorgio, V., 183  
  
Deguchi, S., 303  
Dékány, I., 715  
De Rudder, J., 313  
Devinsky, F., 555  
Diamant, H., 259  
Donath, E., 27  
Dragutan, I., 767  
Dragutan, V., 767  
Duits, M.H.G., 335  
Dürschmidt, T., 595  
  
Eckold, G., 361  
Egelhaaf, S.U., 293  
Elliott, P.T., 457  
Enders, S., 661  
Eriksson, J.C., 347  
Esquena, J., 533  
Esumi, K., 739  
  
Fainerman, V.B., 381  
Farago, B., 159  
Fehér, J., 505  
Filali, M., 203  
Filipsei, G., 505  
Fischer, H., 767  
Foffi, G., 327  
Fratini, E., 95  
Frens, G., 149  
Fujii, M., 449  
Fukada, K., 449  
Fukuda, T., 475  
  
Gambadauro, P., 133  
Garrett, P.R., 191  
Gjerde, M.I., 651  
Glass, J.E., 457  
Goertz, W., 777  
Gorski, N., 361  
Gradzielski, M., 159, 227  
Grünbein, W., 681  
Gründemann, E., 583  
  
Grüning, B., 777  
  
Haage, K., 583  
Haas, S., 785  
Haesslin, H.-W., 795  
Häger, M., 247  
Hammel, R., 213  
Hässlin, H.-W., 785  
Heinze, T., 621  
Heinze, U., 621  
Hellweg, T., 159  
Henning, T., 681  
Høiland, H., 651  
Hilfiker, R., 795  
Hill, R.M., 607  
Hoffmann, H., 689, 767  
Holmberg, K., 247  
Hufnagl, A., 227  
  
Ikeda, N., 403  
Imae, T., 555  
Ishitobi, M., 371  
Ito, A., 749  
Ivanova, R., 41  
  
Jacobs, A., 313  
  
Kabir, M.H., 371  
Kahl, H., 661  
Karlsson, S., 415  
Kästner, U., 805  
Kato, T., 449  
Kawasaki, H., 475  
Kegel, W.K., 347  
Kirsch, S., 725  
Koide, Y., 739  
Kondo, Y., 749, 757  
Kötz, J., 621  
Kudryashov, E.D., 517  
Kulicke, W.-M., 621  
Kunieda, H., 371  
Kurlat, D.H., 595

- Lacko, I., 555  
 Laggner, P., 171  
 Lange, S., 621  
 Langevin, D., 159  
 Lekkerkerker, H.N.W., 347  
 Leonhard, H., 123  
 Leporatti, S., 27  
 Liao, C., 95, 133  
 Lie, E., 651  
 Lind, A., 415  
 Lindén, M., 415  
 Lindman, B., 41  
 Lindner, P., 563  
 Liu, C., 575  
 Ljunggren, S., 347  
 Lu, J.R., 15  
  
 Mackeben, S., 699  
 Maeda, H., 475  
 Mallamace, F., 95, 133  
 Mantegazza, F., 85, 183  
 Matsubara, H., 403  
 Mellema, J., 335  
 Meyer, H.W., 495  
 Michel, E., 203  
 Michels, B., 55  
 Miller, C.A., 191  
 Miller, D.J., 681  
 Miller, R., 381  
 Minewaki, K., 449  
 Miyahara, M., 475  
 Mo, C., 651  
 Möhwald, H., 27  
 Molino, F., 203  
 Mora, S., 203  
 Mortensen, K., 277  
 Motschmann, H., 583  
 Moya, S., 27  
 Müller, F., 777  
 Müller-Goymann, C.C., 699  
 Müller, M., 699  
 Myška, J., 527  
  
 Nakamura, N., 371  
 Nandi, N., 67  
 Nettesheim, F., 563  
 Nickel, U., 575  
 Nommensen, P.A., 335  
  
 Oda, R., 5  
 Ohta, A., 403  
 Ok Kwon, K., 749  
 Ottewill, R.H., 15  
 Ozaki, Y., 475  
  
 Pabst, G., 171  
 Patakfalvi, R., 715  
 Peggau, J., 777  
 Pfau, A., 725  
 Pflaumbaum, M., 777  
 Piculell, L., 429  
 Pisárčík, M., 555  
 Pison, U., 381  
 Platz, G., 213  
 Porte, G., 203  
  
 Quitzsch, K., 661  
  
 Radke, C.J., 607  
 Rappolt, M., 171  
 Rehage, H., 1, 123  
 Rennie, A.R., 15  
 Rettig, W., 495  
 Richtering, W., 563  
 Richter, W., 495  
 Rocca, C., 85  
 Rocha Gonsalves, A.M.A., 247  
 Roels, T., 313  
 Romano, S.D., 595  
 Rosenholm, J.B., 415  
 Ruckenstein, E., 423  
  
 Sagisaka, M., 749  
 Sakai, H., 749, 757  
 Sbriziolo, C., 689  
 Schlatter, C., 785  
  
 Serra, A.C., 247  
 Shchipunov, Y.A., 541  
 Shoji, K., 739  
 Shosenji, H., 739  
 Sjöström, J., 429  
 Smirnova, N.A., 635  
 Smyth, C., 517  
 Solans, C., 533  
 Štern, P., 527  
 Stubbs, J., 725  
 Stumpf, M., 495  
 Sundberg, D., 725  
 Svitova, T., 607  
 Szalma, J., 505  
  
 Takei, T., 757  
 Talmon, Y., 113  
 Tartaglia, P., 133  
 Timmerman, A.M.D.E., 149  
 Torigoe, K., 739  
 Tsujii, K., 303  
 Turco Liveri, M.L., 689  
  
 Ulbricht, W., 487  
  
 Valiente, M., 235  
 van den Ende, D., 335  
 Venuti, V., 133  
 Voigt, A., 27  
 Vollhardt, D., 1, 67  
 von Raumer, M., 795  
  
 Walter, A., 123  
 Waton, G., 55  
  
 Yoshino, N., 749, 757  
  
 Zaccarelli, E., 327  
 Zana, R., 55, 487  
 Zapf, A., 213  
 Zarkadis, A.K., 767  
 Zipfel, J., 563  
 Zrinyi, M., 505

## Subject Index

- Acyl glutamate, 681
- Adsorption, 259, 457, 715
- Adsorption data, 583
- Adsorption isotherm, 795
- Adsorption kinetics model, 381
- AFM imaging, 607
- Agrochemicals, 795
- Air–water interface, 15
- Alkanediyl- $\alpha,\omega$ -bis(dimethylalkylammonium bromide) surfactants, 487
- Amine oxide hemihydrochloride, 475
- Amine oxide hydrochloride, 475
- Ammonium perfluorooctanoate layers, 15
- Application properties, 805
- Aqueous, 55
- Aqueous solutions, 487
- Associative network formation, 805
- Atomic force microscopy, 725
- Attractive glass, 327
- Attractive interaction, 423
- Bending, 505
- Bending elasticity, 159
- Beta-lactoglobulin, 381
- Bicelles, 495
- Block copolymer, 41
- Block copolymer micelles, 277
- 1-butanol, 235
- Calcium dodecyl sulfate, 213
- Capsules, 27
- Carbohydrate surfactant solution, 661
- carboxymethylcelluloses, 621
- Casein particle gels, 517
- Cationic surfactant, 583
- Cationic surfactants, 715
- Chain melting, 475
- Change of molar area, 381
- Chiral interactions, 67
- Chloropentaamine-cobalt(III) chloride, 575
- cis-Decalin, 313
- Clay minerals, 715
- c.m.c., 583
- Colloidal dispersions, 183
- Colloids, 335
- Commercial nonionic surfactants, 191
- Complex fluids, 541
- Concentrated suspension, 795
- Concentration, 133
- Copolymers, 55
- Cosmetics, 681
- Cosolvent, 41
- Crumbling transitions, 123
- Cryogenic-transmission electron microscopy, 113
- Curvature free energy of microemulsion droplets, 347
- Decanol, 213
- Decyldimethylamine oxide, 475
- Density, 689
- Determination, 575
- Dielectrophoresis, 505
- Differential scanning calorimetry, 475
- Diffraction, 449
- Dimenic surfactants, 487
- Dimeric surfactant, 555
- 3,3-dimethyl-1-butanol, 235
- Dimyristoylphosphatidylglycerol, 495
- Discontinuous cubic phase microemulsion, 371
- Dissolution, 293
- Dodecyldimethylamine oxide, 475, 555
- Dodecyltrimethylammonium bromide, 555
- Double chain-type surfactant, 749
- Drag reduction, 527
- DSC, 661
- DSC peak, 55
- Dye, 247
- Dynamic light scattering, 303
- Elasticity, 517, 527
- Electric birefringence, 183, 689
- Electrocatalytic reaction, 575
- Electrokinetic phenomena, 183

- Electron microscopy, 495  
Electron spin resonance, 767  
Electrorheology, 505  
Emulsion, 785  
Emulsions, 533, 681  
Entropy of dispersion of microemulsions, 347  
Equilibrium swelling isotherms, 429  
Excess Gibbs energy of adsorption, 403  
Excess Gibbs energy of micelle formation, 403  
  
Ferrocene, 757  
First order transitions, 423  
Fluctuations in size and shape of microemulsions, 347  
Fluid interfaces, 583  
Fluorescence probe, 739  
Fluorinated anionic surfactant, 749  
Fluorinated spin probes, 767  
Freeze-fracture, 495  
  
Gas-liquid interface, 85  
Gelation, 313  
Gel cleanser, 777  
Globular proteins, 381  
Glycerophosphoethanolamines, 391  
Graphite, 607  
  
Hexadecyldimethylamine oxide, 475  
Hexaethyleneglycol dodecylether, 739  
High pressure, 303  
High temperature, 303  
Home care products, 777  
Hydrodynamic radius, 555  
Hydrodynamics, 335  
Hydrogen peroxide, 247  
  
Infrared spectroscopy, 475  
Interaction, 95  
Interfacial phenomena, 259  
Interferometry, 85  
Interparticle interaction, 361  
Iridescent phases, 213  
Isotactic polystyrene, 313  
  
Kerr effect, 595  
kinetic glass transitions, 95  
Kinetics, 259, 429  
Krafft temperature, 749  
  
Lamellar phase, 293  
Lamellar phases, 227  
Langmuir monolayer, 67  
  
Latex, 725  
Lauric acid, 449  
Laurilsulfobetaine, 235  
Lecithin, 171, 541, 699  
Light scattering, 555, 595  
Lipophilic acid, 247  
Liquid crystal, 235  
Liquid crystalline phases, 661  
Liquid crystalline system, 715  
Liquid/fluid interfaces, 381  
Lithium chloride, 171  
 $L\alpha$ -phase, 171  
 $L_{\alpha}$  phases, 213  
Lyotropic liquid crystal, 41  
  
Manic depressive disease, 171  
Marangoni-effect, 149  
Maxwell-Wagner model, 183  
Mechanism, 313  
Membrane folding, 123  
Metal oxide, 457  
Methylation, 391  
Micellar end-caps, 113  
Micellar equilibria, 487  
Micellar junctions, 113  
Micellar kinetics, 487  
Micellar property, 739  
Micellar solution, 5  
Micellar solutions, 149  
Micelle, 235, 757  
Micelle formation model, 661  
Micelle lifetime, 487  
Micelles, 113, 541, 651, 689  
Microcapsule, 123  
Microemulsion, 227, 247  
Microemulsions, 159  
Minimum entropy production, 149  
Miscibility of surfactant, 403  
Mixed micellar solutions, 635  
Mixed micelle, 739  
Model transient networks, 203  
Molecular weight, 555  
Morphology, 725  
Multiple equilibrium description of Winsor I and II microemulsions, 347  
  
Networks, 113  
Neutron spin-echo, 159  
Nitronyl nitroxides, 767  
Non-equilibrium, 293  
Nonionic surfactant, 757

- Non-ionic surfactants, 607  
Nonmonotonic transient volume changes, 429  
non-statistically, 621  
*N*-palmitoyl aspartic acid, 67  
*N*-stearoyl serine methyl ester, 67  
Numerical simulations, 203
- Octadecyldimethylamine oxide, 475  
Octanol, 213  
Oil-induced phase transition, 371  
Onion, 293  
Ordered mesophases, 277  
Organic acids, 457  
Organogel, 541  
Oscillation viscometry, 699  
Oxidation, 247  
Oxyethylene, 749
- Pair potential, 335  
Partial molar compressibility, 651  
Particle gel, 327  
Partition coefficient, 651  
PCS, 699  
PED surfactants, 767  
PEO, 277  
percolation, 95  
Perfluorosurfactants, 767  
Pesticide, 785  
pH, 689  
Phase behavior, 41, 227, 247, 371  
Phase changes, 533  
Phase diagrams, 635  
Phase inversion, 681  
Phase separation, 171  
Phase transitions, 495  
Phase transitions of amine oxides, 475  
Phenylenediamine, 575  
Phosphate ester of resorcinol-type calix[4]arene, 739  
physico-chemical behaviour, 621  
Pluronic, 41  
Pluronics, 277  
Polar group, 415  
Poloxamer, 41  
Polyacrylic acid, 689  
Polyelectrolyte, 27  
Polyelectrolyte gels, 429  
Polyelectrolytes, 183  
Poly(ethylene oxide), 41, 55  
Polymer brush, 335  
Polymer gel, 505  
Polymer-surfactant complex, 555  
Polymer-surfactant interactions, 429  
Polymethacrylic acid, 689  
Poly(propylene oxide), 41  
Polyquaternium, 429  
Polystyrene latex, 303  
Porphyrin, 247  
Precipitation, 635  
Pressure-jump study, 487  
Protonation of amine oxides, 475  
Pure nonionic surfactants, 191
- Radius of gyration, 555  
Reaction, 247  
Redox reaction, 757  
Repulsive glass, 327  
Repulsive interaction, 423  
Reverse micelles, 699  
Rheological modifiers, 805  
Rheology, 335, 541, 595, 661, 715, 777
- SANS, 227  
Sans data, 563  
SAXS, 41  
Scattering, 449  
SDS, 651  
Second harmonic generation (NLO), 583  
Self-assembly, 41  
Shape fluctuations, 159  
Shape oscillation, 123  
Shear flow, 123  
Silica particles, 533  
Silicate-surfactant systems, 415  
Silver sol, 575  
Size distribution of microemulsion droplets, 347  
Size of polar head group, 403  
Small angle neutron scattering, 361  
Small angle scattering, 277  
Small-angle X-ray scattering, 171, 371  
Smart gel, 505  
Sodium dodecyl sulfate, 563  
Sodium hyaluronate, 555  
Sodium polystyrene sulfonate, 27  
Sol-gel transition, 595  
Solubilization, 227, 415, 651, 757  
Solution conditions, 15  
Solvent quality, 527  
Sorbitol ester, 681  
Sponge phase, 293  
Spreading dynamics, 607  
Stress relaxation, 203  
Subcritical water, 303

- Sucrose dodecanoate, 371  
Surface area, 575  
Surface roughness, 607  
Surface tension, 259, 403  
Surface waves, 85  
Surfactant, 41, 149, 247, 785  
Surfactants, 5, 259, 527  
Surfactant solution, 777  
Swelling, 293  
  
Temperatures, 133  
Tetradecyldimethylamine oxide, 475  
Tetradecyltrimethylammonium bromide, 361  
Tetraethoxysilane, 533  
Thermodynamic models, 635  
Timolol maleate, 699  
TiO<sub>2</sub> nanoparticles, 595  
Triblock copolymer, 133  
  
TTAB, 651  
Two-phase, 247  
  
Ultrasonic measurements, 517  
  
Vesicle, 749  
Vesicles, 563  
Videomicroscopy, 191  
Viscoelasticity, 5  
Viscoelastic moduli, 517  
Viscosity, 517, 527  
  
Water-borne coatings, 805  
  
X-ray diffraction, 391, 715  
  
Zero-shear viscosity, 689

